Albion

AMPLIFICATION

Tonally British!
Rockin' the World!

2014 PRODUCT BROCHURE

www.albionamps.co.uk

Steve's Introduction

Despite the continuing monetry crisis that is still embattling the global economy and finding the world of music instrument producers, and users, in dire circumstances,the world of *Albion* Amplification has actually managed to grow through 2013.Now that we are entering the year of 2014 *Albion* is set to add to last year's successes.

Even though we are a relatively small company we now have a very impressive range of critically acclaimed products and an ever growing team of enthusiastic world distributors. Along with my small army of workers at the factory, I have recently been able to add to the sales and marketing team to back up the world distributors and retailers to give more sales and after sales support to you, the end-user.

As the cover says "Tonally British", I would just like to say that Albion is primarily a British company. Albion is my company and I am most distinctly British. I run the company as I would no matter where in the world the factory is based, UK, China, wherever! I am the one and only designer, and cover all aspects of sound, electronic, mechanical, cosmetic engineering and production control, sales overview, and marketing. I am even writing this entire brochure!

Through the use of email and the various social network sites, such as Facebook and Twitter, and those of you who I meet at shows, I receive an incredible amount of communication praising what I, and my fellow *Albion*-ites, are doing, for which I thank you. In the words of many of you,
Albion is simply.....Awesome!

Steve Grindrod

Founder, Director, and only Designer of *Albion* Amplification

Contents

GulfStream Series

Page 2/3

GulfStream Range - the latest addition to our guitar amp products - Classic, retro styling - a multitude of classic guitar sounds, and simple but modern features. All valve for home, studio, clubs, and concert stages. Heads, combos and cabinets from 12 watts to 30 watts.

TCT Series

Page 4/5

TCT Range - beautifully crafted "flagship" amps - very stylish multi-channel modern amps covering sweet cleans to out and out Rock. All valve tone from 35 to 100 watt output.

ABH Series

Page 6/7

ABH Bass amps and cabs - valve preamps/high power solid-state power, wide ranging sonic fulfilment! 120 watt to 300 watt heads and combos. Great sounding, stylish cabinets to match.

ABH800/BLS610H

Page 8/9

ABH800 Series - Albion's mighty high power bass concert system. ABH800H bass head - valve preamp/Super Hybrid valve/SS high headroom power amp with upto 800 watts of valve toned power and extra power for transient notes. Fully featured with wide ranging EQ systems, and Compressor. ABH800PA matching Super Hybrid Technology power amp. BLS610H full range bass/keyboard speaker cabinet with Albion proprietry speaker control system.

AG Series

Page 10/11

AG Series - hybrid preamp/solid state power combos when the the might of an all singing, all dancing valve amp is not required. Combos from 10 to 80 watts. 16 program DFX featured on some models.

Albion Artists

Page 12/13

Meet some of the world-wide Albion family.

Gulf Stream Series

The whole idea of Gulf Stream is very personal to me – as a guitarist I have always been known to favour small amps, and my recording and stage rigs always featured a whole arsenal of sub-30 watt amps, and wanted to capture all those flavours into good looking packages. Basically all my favourite sounds in one box.

My tonal influences were those that I have used over the years, ranging from Tweed & Blackface Fender, VOX, and of course, Marshall, JTM45 and 50 watt Jubilee in particular. And of course to make it all work, a signature all of my own. After much thought and trials I ended up using 6V6 valves (tubes) for the output power of the GS15 and GS30 amps, EL84 valves for the GS12 amps.

GS12 combo & head produces around 15 watts at clipping in full power mode and is switchable down to approx. 4 watts level. GS12 amps feature 2 foot-switchable channels, each featuring 2 voices, making 4 sonic signatures in total. On the front each channel has Gain, Tone, and Volume rotary controls and voice switch, channel switch, Standby /4W/12W switch & Power switch. Round the back is a footswitch jack, FX send/return jacks, speaker filtered DI jack, direct out jack, 16 ohm speaker out jack coupled to a dummy power soak load when unplugged. GS12C has an Albion 10" smooth response speaker (Footswitch supplied).

GS15 amps produce approx. 20 watts at clipping and feature a fully spec'd control layout with 4 voice and gain options for 2 clean & 2 overdrive voices. Gain, Volume, Wide range EQ circuit (Treble, Middle, Bass, Presence) & Channel Volume, 10% to 100% Output Level control for full sounding low volume operation. Accutronics Digital Reverb from subtle to surf, Wide ranging Grid bias modulating Tremolo (reverb & tremolo footswitchable – FS supplied), 8 and 16 ohm speaker output select. GS15C has an Albion VSR 12 " medium magnet loudspeaker fitted.

30 watt amps produce approx 40 watts at clipping and feature 2 footswitchable channels - Channel A (Volume, 2 Voice switch, Tone) - Channel B which is identical to the GS15 channel. Accutronics Digital Reverb from subtle to surf per channel, wide ranging Grid bias modulating Tremolo, Footswitchable series FX loop - (4 button Channel A/B, Reverb, Loop, Tremolo footswitch supplied), 8 and 16 ohm speaker output select. GS30C has 1 x 12" medium magnet VSR speaker and 1 x 12" large magnet VSR speaker.

It's smaller 1X12: brother, the GS30C 112, powers an Albion large magnet 16 ohm VSR speaker.

GS112 has 1 x 12" M magnet Albion VSR speaker. GS410 has 4 x 10" VSR speakers. All speaker systems are normalised to 16 ohm operation.

VSR stands for Vintage Smooth Response speaker technolgy, developed by Albion, that incorporates an incredibly vintage style smooth response without the "fizziness" that most new higher powered speakers seem to exhibit, without losing high end.

If you like a wide variety of easy to use CLASSIC clean and overdrive sounds in a great looking package that's ideal for recording, club gigging, or even just an amp that will fit in well at home..... You deserve to check out an Albion GulfStream.

GS12H/GS112
Head on GS112 Cabinet

GS15H
Head on GS112 Cabinet

GS30H
Head on GS410 Cabinet

GS12C
1x10" Combo

GS12 Normal channel has 2 great cleans from a Fat vintage style to a Californian "twangy" vibe.

Channel Switch also footswitchable

Boost channel has two great overdrives, Blues and Rock

Rear panel has FX loop, Emulated DI out, & dummy load. MODE switch on front controls 4W, 12W & Standby

GS15 has 4 voices including 2 gain options. Full preamp control with simple operation. Classic Brit/US clean/blues/crunch/rock O/D.

A cool pulsating Tremolo can be used with all sounds. Deep Accutronics digitalreverb. Output level control maintains full sonic response even at low volume use.

GS30 Normal Ch A gives 2 classic clean voicing options from contoured to fat and bold

Boost Ch B has 4 voices including 2 gain options. Full preamp control with simple operation. Classic Brit/US clean/blues/crunch/rock O/D.

A cool pulsating Tremolo can be used with all sounds. Deep Accutronics digitalreverb. Output level control maintains full sonic response even at low volume use. Footswitchable FX loop on rear panel

GS15C
1x12" Combo

GS30C112
1x12" Combo

GS30C
2x12" Combo

GS410
4x10" Combo

TCT Series

The TCT range of valve amps sound as good as they look. OK, you' ve probably heard that old cliche many times before, but in this case we feel that it is more than justified! We hope that you agree!

We use Birch ply for all our cabinet work utilizing interlocking panels and resonance controlling reinforcing struts where necessary. Covered with our proprietary vinyl and cabinet hardware, the final touch being either the piano-finish stained walnet baffle plate, giving a lustrous plum colour wood grain, or alternatively the solid colour black piano finish. The choice is yours. They both give a unique contrast to each and every TCT amp & GLS cabinet.

The amplifiers feature a seam-welded heavy gauge steel chassis to securely hold the heavy duty transformers, well supported 2oz copper FR4 printed circuit boards (many being double sided plated through types), and chassis mounted valve bases, switches connectors etc.

The TCT amps are all twin channel switching circuits, with the TCT50 and TCT100 amps also having a footswitchable MIX circuit that combines both channels to give a third sonic option. Although each channel has differing voicing structures (channel A has the EQ pre-gain, channel B is post gain) they both go from "clean to scream" for ultimate functionality and wide tonal response. Switchable tonal options on each preamp also extend the possibilities on the 50 and 100 models. All the TCT amps also feature wide ranging power amp controls widening the tonal response even more - switchable feedback loops, Edge (presence) and Depth controls, output Phase and 33% output power level switching. Natural sounding digital Reverb and series FX loop round off the amp functions.

The supplied footswitch also has a very useful feature - the cable connection can be easily user changed from left to right to more adequately suit your stage rig preference. Its simple but so effective.

We also design and build all of our own transformers, loudspeakers, PCBs, wire, plastic and metal parts - virtually everything that goes into the product!

MODEL SPECIFICATION

TCT35C & TCT35H - Twin footswitchable channels - A channel = EQ pre gain for US type clean/blues/fusion. B channel = EQ post gain for British style clean and overdrive. Each channel has Gain & Drive controls for maximum control of gain structures. Bass, Middle, Treble controls per channel. High class Digital Reverb. Power amp has switchable Feedback circuit for Tight/Loose speaker coupling, Edge, Reverb & Master Output controls. Power, Active, 33% Switches Series FX Loop with Level & Bypass switching, 8 & 16 ohm speaker, impedance switch & outputs. 35 watt RMS power from 2 x 6L6GT valves and 4 x 12AX7 preamp and driver stages. TCT35C has one Albion 12" large magnet speaker, 16 ohm. 2 way footswitch provided.

TCT50C & TCT50H - as TCT35 spec but added footswitchable channel MIX, 3 way tone switching per channel, power amp Depth control, output Phase switching. 50 watt RMS output from 5 x 12AX7 and 2 x EL34 valves. 3 way pedal provided. TCT50C has 2 x Albion 8ohm 12" large magnet speakers wired for 16 ohm operation.

TCT100 - as TCT50H but with 100 watt power output from 4 x EL34 valves.

GLS212 - 2 x Albion large magnet speakers wired for 16 ohm operation.

GLS412 - 4 x Albion large magnet speakers wired for 16 ohm operation. Plug-in removeable casters provided.

TCT35C
35watt 1x12" Combo 4x12AX 7-2x6L6

TCT35H
35watt Head 4x12AX7-2x6L6

TCT50H
50 watt Head 5x12AX7-2xEL34

TCT100H
100 watt Head 5x12AX7-4xEL34

Switchable Feedback loop ratios allow the power amplifier to be reconfigured to sound either loose and raw or refined and controlled.

Edge and Depth controls presence and speaker resonance. (Depth not fitted to TCT35 models).

Master Output Volume, Reverb Mix, and Mix Balance (TCT50, TCT100).

Mute/Active switch.

100%/33% Output Power switch

Output Phase switch not only allows the amplifier phase to be switched to match another amp in a multi-amp set-up but can also be used to maximize acoustic coupling between your guitar and the room acoustics (TCT50 and TCT100 only).

Full twin channel flexibility.

Gain, Drive, Bass, Middle, Treble, Channel Volume.

TCT50 and TCT100 models have Tight, Smooth, EQ Shift pushbuttons per channel. Tight rolls off the lower frequencies when using muddy sounding guitars. Smooth reduces the high frequency lift making the amp somewhat "pedal friendly". EQ Shift re-voices each channel independently for greater tonal flexibility.

Example of plum walnut finish

Example of pure black piano finish

GLS412
280 watt 4x12" cabinet 16 ohm

TCT50C
50 watt 2x12" Combo 5x12AX7 -2xEL34

GLS212
140 watt 2x12" cabinet 16 ohm

ABH *Series*

The ABH range of bass amps, cabinets and combos have been designed from the ground up to be mean and rugged workhorses for the bass playing fraternity. Valve based preamps with easy to use, but very effective, EQ and very usable gain options provide the bass player with a very satisfying tonal palette for every occasion.

The over-engineered solid-state power amps provide reliable and consistent power delivery night after night–with the punch of Mike Tyson and the growl of a Pitbull on steroids. The AHB range is available in various power ratings in Head and Combo formats, and can be easily coupled with our range of bass cabinets to suit many differing needs of performance.

Because we can design and build our own loudspeakers using in-house acoustic engineering experts each cabinet has been fine tuned with a loudspeaker that has been expressly designed for that particular cabinet. Every part has been custom designed for the job rather than having to work around another supplier's products. Our angular variable dispersion horn, for instance, aims the sound at your ears rather than your knee-caps.

All our cabinets are made from Birch Ply with many strategically placed interior braces to maximize tight vibration free performance with controlled weight. The cabinets have metal grilles formed to minimize rattle and vibration.

All the amplifiers have large heat-sinks with fan cooling (thermostatically controlled on the higher power amps) to maintain a low temperature under all operating conditions. Rugged seam welded thick steel chassis help maintain life on the road.

ABH120C
120 watt 1x12" Combo
+1x 12AX7

ABH200C
200 watt 2x10"Combo+2x
12AX7

ABH180H
180 watt 1x12AX7

ABH300H
300 watt 2x12AX7

The input section of the ABH series valve preamps provides switching for active and passive basses. Gain boost switching is also available on ABH200 and 300 models for more aggressive Rock playing. The Tuner Mute switch (also foot-switchable) allows the amp output to be silenced whilst tuning (ABH200 and ABH300 only).

The EQ push-switches help shape the sound even more than the wide ranging tone controls. These switches, along with the ABH EQ system, give rise to many sonic styles for your bass playing.

On the ABH200 and ABH300 the Range rotary switches next to the Bass, Middle, and Treble switches allow different EQ frequencies to be selected for precise control of the required band. On ABH120 and ABH180 models, this is accomplished with a semi parametric style Middle circuit.

ABH120C Bass combo has a built in 12" driver designed in co-operation between Albion and a world leading specialist power speaker designer, for maximum excursion from a small and compact cabinet design.

ABH200C Bass combo has 2 special design Albion 10" drivers and angular dispersion high frequency horn for great bass performance in a compact package. It also features a built-in 300Hz crossover and output jack on the rear of the cabinet. This allows the use of the BLS115 (1x15" cabinet) to be connected to extend the combo's range. In use this splits the signal between the built-in 10" and horn speakers for Mid and High, and feeds the Bass to the extension cabinet for better bass performance.

ABH180H and **ABH300H** amplifier heads both give their maximum power (180 watts RMS & 300 watts RMS respectively). Either can be used with 1 or 2 8 ohm cabinets, for a maximum loading of 4 ohms.

BLS210, BLS115, BLS410H cabinets are normalised at 8 ohm impedance, allowing the up to two BLS cabinets to be used per ABH amplifier.

BLS1215 cabinet incorporates a custom Albion 12" and Albion 15" Bass drivers into a small footprint cabinet, great when small stages dictate the available gigging space. Only available in 4 ohms impedance. Can be used singly with ABH180H or ABH300H.

BLS210
200 watt 2x10" Cabinet 8 ohm

BLS115
300 watt 1x15" Cabinet 8 ohm

BLS410
400 watt 4x10" Cabinet 8 ohm

BLS1215
300 watt 1x12"+1x15" 4 ohm

ABH800/BLS610H

The ABH800 preamp section features an all valve direct signal path through the input and gain amp, EQ and Contour circuit, the 5 band Mid equalizer, the Compressor, and finally the preamp output stage. Because if the complexity of circuitry required for the side chains of these features, they are devised using solid state circuits, but where possible they are constructed using very high voltage circuits with 60 volt op-amps.

The solution for the power amp mixes a valve front end covering phase inverting & driver duties with a special bridged power solid-state power amp. The valve front end provides the valve tone whilst the solid-state section provides the push-pull high power section. Uniquely for a bridged amp this is provided with a Constant Current output emulating the action of a big output transformer and also provides drive for both local and global feedback as happens in an all valve power amp. It also allows switching to help match both 4 and 8ohm operation allowing the use of either 1 or 2 cabinets (8 ohm each) with full power. This power amp design is also in the ABH800PA power amp, so can be used not only as a power builder coupled with the ABH800H, but also a stand-alone power source for a preamp of your choice.

The chassis design is a complete 3U 19 inch rack case, and is supplied in an Albion ABH styled cabinet with heavy duty grab handles on each end. Just remove the chassis from the case if full rack mounting is required.

Rear panel features: - 2 x Speakon outputs, 4/8 ohms signal matching switch, tuner output, series FX loop with level & bypass switching, slave (power amp) drive output jack, valve derived XLR D.I. connector with ground lift. Resettable circuit breaker, Mains input connector.

Hybrid power amp (VTH Technology) with valve limited (for soft clipping valve characteristics) 800 watts RMS power plus additional solid-state power for high transient response. The solid-state power section is uniquely (we believe) configured with a Constant Current output with localized and global feedback to give a transformer-like output.

ABH800H

800 watt RMS Bass amplifier, fully featured tube based preamp/hybrid power amp.3U 19" chassis in Vinyl covered heavy duty case. 4 x 12AX7

ABH800PA

800 watt RMS Bass Hybrid Power amplifier. 3U 19" chassis in Vinyl covered heavy duty case. 1 x 12AX7 tube.

Valve input circuit with -10dB pad and tuner output with mute switching

Valve Primary Treble/Bass EQ and High/Mid/Low/HPF Contour EQ

5-band Mid EQ. Valve direct signal path circuitry. High voltage SS side chain circuit. In/Out switching

Valve driven/solid state side chain Compressor with Make Up gain, slow/fast response switch and variable threshold. Valve preamp output stage

BLS610H

6 x 10" Albion special design 10" + large elliptical technology titanium horn loudspeaker cabinet with x-over range and attenuation controls mounted on front

With the matching BLS610H speaker enclosure I have taken a different route than is taken with the usual pretty famous 8x10" enclosure design that dates back to 1969, and instead have designed a cabinet that I think will suit the needs more of modern bass players.

The BLS610H features 4 very heavy duty bass emphasized 10" speakers for duties handling the very low end. These are then acoustically & electronically crossed-over to a pair of high power different 10" drivers handling low to medium mid-range with vastly improved transient response and clarity. These then electrically cross-over to an elliptical 11"x9" titanium compression driven high mid/high horn system. The cross-over network features both cross-over range and attenuation controls, which are mounted on the FRONT of the cabinet–no more trying reach around the back of the cabinet to try and adjust when (A) it is difficult to play and (B) you can't hear what you adjusting!

Tilt back wheels and upper and lower grab handles help with transportation, and as the cabinet is a bit smaller than the aforementioned 8x10 cabinets, is a little bit manageable to transport!

We believe that the ABH800 Concert Bass System is a significant step forward in bass amp design. Please try one and hopefully we will see you laying down that low-end foundation in style!

AG Series

Once upon a time lower entry guitar amp products were just that–low in sound and build quality! The Albion AG range blows that conception totally out of the water! The AG10, AG40R, AG80R, AG40DFX and AG80DFX are designed from the ground up as "real" guitar amps. Amps that can be proudly used by guitar-players of any standing, from beginner to pro; without spending the "big bucks" of a top-end system. Perfect for practice and club gigs without any sacrificing of tone quality or playing "feel".

The ingredients behind the AG guitar amps, apart from being designed by a top-end designer, come together using a variety of technologies–high voltage FET devices, valves, and good solid-state design. The preamps of each model are a developed family of FET and valve, but unlike many competitive models our preamp technology works at high voltage just like these devices should do for their best performance. This gives a dynamic range, punch, and a tonal response more akin to more expensive pro amps but with much less maintenance than is required for their bigger brothers. These amps will perform consistently day after day.

With a guitar amp the sonic quality of the amp is only as good as the speaker system that it is connected to. Throughout the AG series we use better performing loudspeakers than the competition. For instance in our AG10 model we use a quality 8" speaker as compared to the 6.5" speakers in other brands–it makes a big, big difference!

Feature-wise the AG series have an increase in complexity as they go up in power and size, from the simple single channel AG10 through to the AG80DFX that has 2 fully controlled channels and stereo 16 program digital effects independently assignable to either channel fed through to a stereo 80 watt power amp into 2 heavy duty 12" loudspeakers. Where applicable Albion AG Series amps are supplied with matching 2 way footswitches.

AG80R
80 watt 1x12" hybrid combo

AG40R
40 watt 1x10" hybrid combo

AG10
10 watt 1x8" hybrid combo

All AG series amps have a 3.5mm AUX IN jack socket suitable for CD/MP3 etc. Likewise all AG amps have a stereo headphone output 3.5mm jack. On 10 and 40 watt models the speaker is automatically muted when headphones are used. Both the AG80R and AG80DFX models have a fully speaker emulated line out/headphone jack socket for either DI or headphone use. The Standby/LS Mute switch allows the loudspeaker(s) to be active or silent.

AG40DFX and AG80DFX models have a built-in 16 program Digital Effects system. The dual 7 segment LED display clearly shows which program is selected. Additionally the AG80DFX allows for different programs to be selected for each of the two channels, which then channel switches with the preamp channels. The stereo power amp gives a luscious and wide spread to the sound.

All the AG series pre-amps use a high voltage FET/Valve hybrid circuit combination for smooth, complex guitar tones. The classic Bass, Middle, Treble guitar EQ circuits give the sonic signature of a true guitar amp.

AG40DFX
40 watt 1x12" hybrid combo

AG80DFX
80 watt 2x12" hybrid combo

Albion Artists

STEVE GRINDROD

TOOTS HIBBERT

CARL HARVEY

JOHN PAYNE

MICK RALPHS

DAVID BARARD

MITCH PERRY

STEVE POSTELL

RAMI JAFFEE

ULRICH WILD

ASKE JACOBY

LASSE BOMAN

Albion Artists

TOBIAS KARLSSON

RICHIE ONORI

TOMMY BOLAN

DAVID JULSON RIELEY

CHRIS FIELD

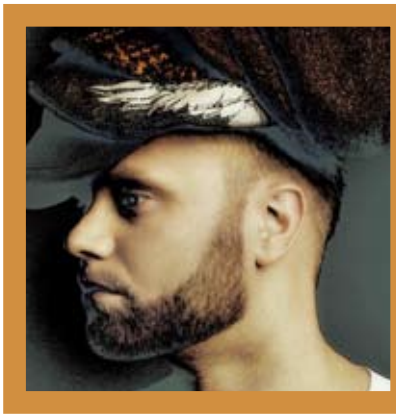
PAULY K

JEFF PEVAR

CHEN LEI

KIMBERLY ALLISON

VERDEN ALLEN



JONAS RENDBO

ANDY JOHNS (RIP)

Albion
AMPLIFICATION

www.albionamps.co.uk
The information in this brochure is subject to change without notice.
All rights reserved © 2014 Albion. Albion is a member of the IAG Group.